

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| TOTAL CLAIMS | | | |
|----------------------------------|--------------|--------------|--------------------------|
| FOR | NUMBER FILED | NUMBER EXTRA | |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | | |
| INDEPENDENT CLAIMS | minus 3 = | | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

3-18-04

(Column 1) (Column 2) (Column 3)

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|-------|---|------------------|--------------------------|
| | | | | | RATE |
| Total | * 10 | Minus | ** 38 | = — | |
| Independent | * 4 | Minus | *** 8 | = — | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

10-18-04

(Column 1) (Column 2) (Column 3)

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|-------|---|------------------|--------------------------|
| | | | | | RATE |
| Total | * 10 | Minus | ** 38 | = — | |
| Independent | * 4 | Minus | *** 8 | = — | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|-------|---|------------------|--------------------------|
| | | | | | RATE |
| Total | * | Minus | ** | = | |
| Independent | * | Minus | *** | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY
TYPE OR OTHER THAN
SMALL ENTITY

| RATE | FEES | RATE | FEES |
|-----------|--------|--------------|--------|
| BASIC FEE | 385.00 | OR BASIC FEE | 770.00 |
| XS 9= | | OR XS18= | |
| X43= | | OR X86= | |
| +145= | | OR +390= | |
| TOTAL | | OR TOTAL | |

OTHER THAN
SMALL ENTITY OR SMALL ENTITY

| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
|------------------|-------------------|---------------------|-------------------|
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X86= | |
| +145= | | OR +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
|------------------|-------------------|---------------------|-------------------|
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X86= | |
| +145= | | OR +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
|------------------|-------------------|---------------------|-------------------|
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X86= | |
| +145= | | OR +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1995

Application or Docket Number

118-703349

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

| FOR | NUMBER FILED | NUMBER EXTRA |
|----------------------------------|---------------|--------------|
| BASIC FEE | | |
| TOTAL CLAIMS | 24 minus 20 = | 4 |
| INDEPENDENT CLAIMS | 2 minus 3 = | 0 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

**OTHER THAN
SMALL ENTITY**

| SMALL ENTITY | OR | OTHER THAN SMALL ENTITY |
|--------------|-----|----------------------------|
| RATE | Fee | |
| 375.00 | | 750.00 |
| x\$11= | | x\$22= |
| x39= | | x78= |
| +125= | | +250= |
| TOTAL | | TOTAL |
| | | 838 |

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | |
|-------------|---|---|------------------|--|------------|
| | | | | (Column 1) | (Column 2) |
| Total | 24 | Minus | ** 42 = 0 | | |
| Independent | 2 | Minus | *** 8 = 0 | | |

**OTHER THAN
SMALL ENTITY**

| SMALL ENTITY | OR | OTHER THAN SMALL ENTITY |
|--------------|-------------------|----------------------------|
| RATE | ADDITIONAL FEE | RATE |
| x\$11= | | x\$22= |
| x39= | | x78= |
| +125= | | +250= |
| TOTAL | | TOTAL |
| | | ADDITIONAL FEE |

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | |
|-------------|---|---|------------------|--|------------|
| | | | | (Column 1) | (Column 2) |
| Total | 24 | Minus | ** 42 = 0 | | |
| Independent | 2 | Minus | *** 8 = 0 | | |

| SMALL ENTITY | OR | OTHER THAN SMALL ENTITY |
|--------------|-------------------|----------------------------|
| RATE | ADDITIONAL FEE | RATE |
| x\$11= | | x\$22= |
| x39= | | x78= |
| +125= | | +250= |
| TOTAL | | TOTAL |
| | | ADDITIONAL FEE |

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | |
|-------------|---|---|------------------|--|------------|
| | | | | (Column 1) | (Column 2) |
| Total | 24 | Minus | ** 42 = 0 | | |
| Independent | 2 | Minus | *** 8 = 0 | | |

| SMALL ENTITY | OR | OTHER THAN SMALL ENTITY |
|--------------|-------------------|----------------------------|
| RATE | ADDITIONAL FEE | RATE |
| x\$11= | | x\$22= |
| x39= | | x78= |
| +125= | | +250= |
| TOTAL | | TOTAL |
| | | ADDITIONAL FEE |

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

08/703399

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| TOTAL CLAIMS | | | |
|----------------------------------|--------------|--------------------------|--|
| FOR | NUMBER FILED | NUMBER EXTRA | |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | * | |
| INDEPENDENT CLAIMS | minus 3 = | * | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

8-3-98

(Column 1)

(Column 2) (Column 3)

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|-------|---|------------------|--------------------------|
| | | | | | RATE |
| Total | * 15 | Minus | ** 42 | = 0 | |
| Independent | * 3 | Minus | *** 8 | = 0 | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

3-1-99

(Column 1)

(Column 2) (Column 3)

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|-------|---|------------------|--------------------------|
| | | | | | RATE |
| Total | * 36 | Minus | ** 42 | = 0 | |
| Independent | * 6 | Minus | *** 8 | = 0 | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

11-23-99

(Column 1)

(Column 2) (Column 3)

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | |
|--|---|-------|---|------------------|--------------------------|
| | | | | | RATE |
| Total | * 36 | Minus | ** 42 | = 0 | |
| Independent | * 6 | Minus | *** 8 | = 0 | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

| SMALL ENTITY | | OTHER THAN TYPE OR SMALL ENTITY | |
|--------------|--------|------------------------------------|--------|
| RATE | FEES | RATE | FEES |
| BASIC FEE | 385.00 | OR BASIC FEE | 770.00 |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X88= | |
| +145= | | OR +290= | |
| TOTAL | | OR TOTAL | |

| OTHER THAN SMALL ENTITY | | SMALL ENTITY | |
|----------------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X88= | |
| +145= | | OR +290= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| OTHER THAN SMALL ENTITY | | SMALL ENTITY | |
|----------------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X88= | |
| +145= | | OR +290= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| OTHER THAN SMALL ENTITY | | SMALL ENTITY | |
|----------------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X88= | |
| +145= | | OR +290= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

08/103 399

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| TOTAL CLAIMS | | | |
|----------------------------------|--|--------------|--------------------------|
| FOR | | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | | minus 20 = | * |
| INDEPENDENT CLAIMS | | minus 3 = | * |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

| SMALL ENTITY | | OTHER THAN TYPE OR SMALL ENTITY | |
|--------------|--------|------------------------------------|--------|
| RATE | FEES | RATE | FEES |
| BASIC FEE | 385.00 | OR BASIC FEE | 770.00 |
| XS 9= | | OR XS18= | |
| X43= | | OR X88= | |
| +145= | | OR +390= | |
| TOTAL | | OR TOTAL | |

CLAIMS AS AMENDED - PART II

1-19-00 (Column 1) (Column 2) (Column 3)

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
|--|---|-------|---|------------------|------------|------------|
| | | | | | (Column 1) | (Column 2) |
| Total | * 38 | Minus | ** 20 | = 18 | | |
| Independent | * 8 | Minus | *** 3 | = 5 | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | |

| SMALL ENTITY | | OTHER THAN OR SMALL ENTITY | |
|------------------|------------------------|-------------------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | OR X\$18= | 324 |
| X43= | | OR X88= | 390 |
| +145= | | OR +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | 710 |

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
|--|---|-------|---|------------------|------------|------------|
| | | | | | (Column 1) | (Column 2) |
| Total | * 16 | Minus | ** 38 | = 0 | | |
| Independent | * 4 | Minus | *** 8 | = 0 | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | |

| RATE | | RATE | |
|-------------------|--|---------------------|--|
| ADDITIONAL FEE | | ADDITIONAL FEE | |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X88= | |
| +145= | | OR +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
|--|---|-------|---|------------------|------------|------------|
| | | | | | (Column 1) | (Column 2) |
| Total | * 11 | Minus | ** 38 | = — | | |
| Independent | * 2 | Minus | *** 8 | = — | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | |

| RATE | | RATE | |
|-------------------|--|---------------------|--|
| ADDITIONAL FEE | | ADDITIONAL FEE | |
| X\$ 9= | | OR X\$18= | |
| X43= | | OR X88= | |
| +145= | | OR +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 - ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 - *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

08/703399

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | |
|----------------------------------|--------------|--------------------------|
| TOTAL CLAIMS | | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | * |
| INDEPENDENT CLAIMS | minus 3 = | * |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

2-25-02 (Column 1) (Column 2) (Column 3)

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
|--|---|-------|---|------------------|------------|--------------------------|
| | | | | | (Column 1) | (Column 2) |
| Total | * 12 | Minus | ** 38 | = — | | |
| Independent | * 4 | Minus | *** 8 | = — | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | <input type="checkbox"/> |

SMALL ENTITY
TYPE OTHER THAN
OR SMALL ENTITY

| | | | |
|-----------|--------|--------------|--------|
| RATE | Fee | RATE | Fee |
| BASIC FEE | 385.00 | OR BASIC FEE | 770.00 |
| XS 9= | | XS18= | |
| X43= | | X86= | |
| +145= | | +390= | |
| TOTAL | | OR TOTAL | |

OTHER THAN
SMALL ENTITY OR SMALL ENTITY

| | | | |
|------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | X\$18= | |
| X43= | | X86= | |
| +145= | | +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

10-28-02 (Column 1) (Column 2) (Column 3)

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
|--|---|-------|---|------------------|------------|--------------------------|
| | | | | | (Column 1) | (Column 2) |
| Total | * 12 | Minus | ** 38 | = — | | |
| Independent | * 4 | Minus | *** 8 | = — | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | <input type="checkbox"/> |

RATE ADDITIONAL FEE

| | | | |
|------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | X\$18= | |
| X43= | | X86= | |
| +145= | | +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

| AMENDMENT | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
|--|---|-------|---|------------------|------------|--------------------------|
| | | | | | (Column 1) | (Column 2) |
| Total | * 12 | Minus | ** 38 | = 0 | | |
| Independent | * 4 | Minus | *** 8 | = 0 | | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | <input type="checkbox"/> |

RATE ADDITIONAL FEE

| | | | |
|------------------|------------------------|---------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| X\$ 9= | | X\$18= | |
| X43= | | X86= | |
| +145= | | +390= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 - ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 - *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.